MOLECULAR AND CELLULAR ENDOCRINOLOGY

Volume 154, Nos. 1–2 August 20th 1999

Cited in Biological Abstracts; Elsevier BIOBASE/Current Awareness in Biological Sciences; Current Contents / Life Sciences; EMBASE/Excerpta Medica; Index Medicus; Informedicus; Pascal M

CONTENTS

Research Papers

Effects of angiotensin II and adrenocorticotropic hormone on myristoylated alanine-rich C-kinase substrate phosphorylation in glomerulosa cells
S. Betancourt-Calle, W.B. Bollag, E.M. Jung, R.A. Calle, H. Rasmussen (USA) 1

Androgen receptor agonist activity of the synthetic progestin, medroxyprogesterone acetate, in human breast cancer cells
J.M. Bentel, S.N. Birrell, M.A. Pickering, D.J. Holds, D.J. Horsfall, W.D. Tilley (Australia) 11

A canonical nerve growth factor-induced gene-B response element appears not to be involved in the cyclic adenosine monophosphate-dependent expression of differentiation in thyrocytes
B. Pichon, G. Vassart, D. Christophe (Belgium) 21

The glucocorticoid receptor is essential for maintaining basal and dexamethasone-induced repression of the murine corticosteroid-binding globulin gene
T.J. Cole, H.J. Harris, I. Hoong, N. Solomon, R. Smith, Z. Krozowski, M.J. Fullerton (Australia) 29

Cis desensitizes GH induced Stat5 signaling in rat liver cells
H. Karlsson, J.-Å. Gustafsson, A. Mode (Sweden) 37

Cloning and characterization of goldfish activin β_A subunit
K.M. Yam, K.L. Yu, W. Ge (People's Republic of China) 45

Involvement of adenosine cyclic-3′,5′-monophosphate in the signal transduction pathway of mandibular organ-inhibiting hormone of the edible crab, *Cancer pagurus*
G. Wainwright, S.G. Webster, H.H. Rees (UK) 55

Interactions between Ca^{2+} and cAMP in ecdysteroid secretion from the prothoracic glands of *Bombyx mori*
S.G. Dedos, H. Fugo (Japan) 63

Expression of 11β-hydroxysteroid dehydrogenase type 2 (11βHSD-2) in the developing human adrenal gland and human adrenal cortical carcinoma and adenoma
C.L. Coulter, R.E. Smith, M. Stowasser, H. Sasano, Z.S. Krozowski, R.D. Gordon (Australia, Japan) 71

Modulation of glucose-induced insulin secretion by cytosolic redox state in clonal β-cells
A.P. Salgado, F.C. Pereira, R.M. Seiça, A.P. Fernandes, P.R. Flatt, R.M. Santos, L.M. Rosário, R. Ramasamy (Portugal, UK, USA) 79

α1-Adrenergic regulation of peptidylglycine α-amidating monooxygenase gene expression in cultured rat cardiac myocytes: transcriptional studies and messenger ribonucleic acid stability
B. Girard, L.H. Ouafik, C. Delfino, S. Fraboulet, C. Oliver, F. Boudouresque (France) 89

Opposite regulation of PPAR-α and -γ gene expression by both their ligands and retinoic acid in brown adipocytes
A. Valmaseda, M.C. Carmona, M.J. Barberá, O. Viñas, T. Mampel, R. Iglesias, F. Villarroya, M. Giralt (Spain) 101

(Contents continued on inside back cover)

CONTENTS direct

This journal is part of **ContentsDirect**, the ***free*** alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. You can register for **ContentsDirect** online at: **www.elsevier.nl/locate/contentsdirect**

0303-7207(19990820)154:1:2;1-4

08040

MOLECULAR AND CELLULAR ENDOCRINOLOGY

Publication information: *Molecular and Cellular Endocrinology* (ISSN 0303-7207). For 1999, volumes 148–158 are scheduled for publication. Subscription prices are available upon request from the Publisher or from the Regional Sales Office nearest you or from this journal's website (http://www.elsevier.nl/locate/mce). Further information is available on this journal and other Elsevier Science products through Elsevier's website: (http://www.elsevier.nl). Subscriptions are accepted on a prepaid basis only and are entered on a calendar year basis. Issues are sent by standard mail (surface within Europe, air delivery outside Europe). Priority rates are available upon request. Claims for missing issues should be made within six months of the date of dispatch.

Orders, claims and product enquiries: please contact the Customer Support Department at the Regional Sales Office nearest you:

New York: Elsevier Science, P.O. Box 945, New York, NY 10159-0945, USA; Tel. (+1)212-633-3730 [Toll free number for North American customers: 1-888-4ES-4ES-INFO (437-4636)]; Fax (+1)212-633-3680; E-mail: usinfo-f@elsevier.com
Amsterdam: Elsevier Science, P.O. Box 211, 1000 AE Amsterdam, The Netherlands; Tel. (+31)20-4853757; Fax (+31)20-4853432; E-mail: nlinfo-f@elsevier.nl
Tokyo: Elsevier Science, 9-15 Higashi-Azabu 1-chome, Minato-ku, Tokyo 106-0044, Japan; Tel. (+81)3-5561-5033; Fax (+81)3-5561-5047; E-mail: info@elsevier.co.jp
Singapore: Elsevier Science, No. 1 Temasek Avenue, #17-01 Millenia Tower, Singapore 039192, Tel. (+65)434-3727; Fax (+65)337-2230; E-mail: asiainfo@elsevier.com.sg
Rio de Janeiro: Elsevier Science, Rua Sete de Setembro 111/16 Andar, 20050-002 Centro, Rio de Janeiro - RJ, Brazil; Tel. (+55)21-5095-340; Fax (+55)21-507-1991; E-mail: elsevier@campus.com.br [Note (Latin america): for orders, claims and help desk information, please contact the Regional Sales Office in New York as listed above]

Advertising information: Advertising orders and enquiries may be sent to: **Europe and ROW**: Rachel Gresle-Farthing, Elsevier Science Ltd., Advertising Department, The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK; Tel.: +44 1865 843565; Fax: +44 1865 843976; E-mail: r.gresle-farthing@elsevier.co.uk. **USA and Canada**: Elsevier Science Inc., Mr. Tino DeCarlo, 655 Avenue of the Americas, New York, NY 10010-5107, USA; Tel.: +1 212 633 3815; Fax: +1 212 633 3820; E-mail: t.decarlo@elsevier.com **Japan**: Elsevier Science K.K., Advertising Department, 1-9-15 Higashi-Azabu 1-chome, Minato-ku, Tokyo 106, Japan; Tel.: +81 3 55615033; Fax: +81 3 55615047.

If you need information about the journal, you can find all details (including full "Notes to Authors") on the World Wide Web: access under http://www.elsevier.nl/locate/mce or http://www.elsevier.com/locate/mce

(Contents continued from outside back cover)

Production of recombinant rat proopiomelanocortin1–74 and characterization of its mitogenic action on pituitary lactotrophs
C. Bert, V. Vande Vijver, M. Andries, P. Verhaert, P. Proost, B. De Vreese, J. Van Beeumen, H. Vankelecom, C. Denef (Belgium) 111

Human glomerular endothelial cells IGFBPs are regulated by IGF-I and TGF-β_1
S. Giannini, B. Cresci, L. Pala, A. Ciucci, C. Manuelli, Y. Fujita-Yamaguchi, P. Cappugi, C. Maria Rotella (Italy, USA) 123

DNA binding and interaction with the nuclear receptor corepressor of thyroid hormone receptor are required for ligand-independent stimulation of the mouse preprothyrotropin-releasing hormone gene
T. Satoh, T. Monden, T. Ishizuka, T. Mitsuhashi, M. Yamada, M. Mori (Japan) 137

Presence of activating transcription factor 4 (ATF4) in the porcine anterior pituitary
Y. Kato, Y. Koike, K. Tomizawa, S. Ogawa, K. Hosaka, S. Tanaka, T. Kato (Japan) 151

Glucose-dependent insulinotropic polypeptide gene expression in the stomach: revealed by a transgenic mouse study, in situ hybridization and immunohistochemical staining
C.-M. Yeung, C.K.C. Wong, S.K. Chung, S.S.M. Chung, B.K.C. Chow (People's Republic of China) 161

Inhibition of protein phosphatase 1 decreases PTH secretion from isolated dispersed parathyroid cells
Rapid papers
L.M. Matovcik, S.S. Rhee, J.F. Schaefer, E.F. da Cruz e Silva, B.K. Kinder (USA) 171

Insulin-like growth factor 1 (IGF-1) and urokinase-type plasminogen activator (uPA) are inversely related in human breast fibroblasts
A.M. Sieuwerts, J.G.M. Klijn, J.A. Foekens (The Netherlands) 179

Presence of exon I.4 mRNA from *CYP19* gene in human granulosa cells
E. Bréard, H. Roussel, Y. Lindet, H. Mittre, P. Leymarie (France) 187

Errata 191

Calendar 197

Announcements

Notes to Authors

PRINTED IN IRELAND